

Date of Opacity event	Time	Event Duration	Range of Violation/ Magnitude	Reason	Remedy
Waukegan					
Third Quarter 2007: Unit 7					
7/20/2007	3:48:00	*	32.6	Load Change	Reduced Fan Speed
7/20/2007	3:54:00	6	30.9	Load Change	Reduced Fan Speed
7/21/2007	9:36:00		34.4	Precip. Plates/Wires- Precip. & Ash Hand. Sys. Malf.	Reset Precipitator Controls
7/28/2007	12:18:00	8	39.6	Blr Control-Blr & Coal Hand. Mlf.	Placed Boiler on Manual
7/28/2007	12:24:00	6	41.2	Blr Control-Blr & Coal Hand. Mlf.	Placed Boiler on Manual
7/29/2007	21:06:00		31.4	Precip. Plates/Wires- Precip. & Ash Hand. Sys. Malf.	Stablize Boiler Conditions
8/7/2007	4:06:00		37	Boiler Startup	Reduced-Fan Speed
8/25/2007	6:00:00	*	34.2	Precip. Plates/Wires- Precip. & Ash Hand. Sys. Malf.	Placed Boiler on Manual
8/25/2007	6:06:00	6	34.6	Precip. Plates/Wires- Precip. & Ash Hand. Sys. Malf.	Placed Boiler on Manual
9/15/2007	8:42:00	*	53.7	Precip. Plates/Wires- Precip. & Ash Hand. Sys. Malf.	Reduced-Fan Speed
9/15/2007	8:48:00	6	38.5	Precip. Plates/Wires- Precip. & Ash Hand. Sys. Malf.	Reduced-Fan Speed
9/15/2007	13:18:00		43.8	Boiler Off	Adjust Dampers
9/23/2007	22:36:00		35.3	Boiler Startup	Reduced-Fan Speed
9/23/2007	23:12:00		31.9	Boiler Startup	Stablize Boiler Condition

Date of Opacity event	Time	Event Duration	Range of Violation/ Magnitude	Reason	Remedy
9/24/2007	15:42:00	*	35.8	Boiler Startup	Stablize Boiler Condition
9/24/2007	15:48:00	*	30.9	Boiler Startup	Stablize Boiler Condition
9/24/2007	15:54:00	12	48.2	Boiler Startup	Stablize Boiler Condition
9/24/2007	16:30:00	*	39.9	Boiler Startup	Stablize Boiler Condition
9/24/2007	16:36:00	*	45.3	Boiler Startup	Stablize Boiler Condition
9/24/2007	16:42:00	12	31.8	Boiler Startup	Stablize Boiler Condition
9/24/2007	17:06:00		73.6	Boiler Startup	Stablize Boiler Condition
9/24/2007	18:00:00	*	54.5	Boiler Startup	Stablize Boiler Condition
9/24/2007	18:06:00	8	47.1	Boiler Startup	Stablize Boiler Condition
9/24/2007	18:24:00		30.5	Boiler Startup	Stablize Boiler Condition
9/24/2007	19:48:00		52.5	Boiler Startup	Stablize Boiler Condition
9/25/2007	5:48:00		51.4	Boiler Startup	Adjust Dampsters
9/25/2007	5:54:00		39.1	Boiler Startup	Adjust Dampsters
9/25/2007	6:12:00		33.5	Boiler Startup	Placed Boiler on Manual
9/25/2007	6:24:00	*	55	Boiler Startup	Reduced Fan Speed
9/25/2007	6:30:00	6	64.6	Boiler Startup	Reduced Fan Speed
9/25/2007	12:54:00		34.9	Blr Control-Blr & Coal Hand. Mlf.	Stablize Boiler Condition
9/25/2007	13:06:00	*	37	Blr Control-Blr & Coal Hand. Mlf.	Stablize Boiler Condition
9/25/2007	13:12:00	*	57.8	Blr Control-Blr & Coal Hand. Mlf.	Stablize Boiler Condition
9/25/2007	13:18:00	*	62.6	Blr Control-Blr & Coal Hand. Mlf.	Stablize Boiler Condition
9/25/2007	13:24:00	*	53.6	Blr Control-Blr & Coal Hand. Mlf.	Stablize Boiler Condition
9/25/2007	13:30:00	*	58	Blr Control-Blr & Coal Hand. Mlf.	Stablize Boiler Condition
9/25/2007	13:36:00	24	33	Blr Control-Blr & Coal Hand. Mlf.	Stablize Boiler Condition

Date of Opacity event	Time	Event Duration	Range of Violation/ Magnitude	Reason	Remedy
9/25/2007	13:54:00	*	60	Blr Control-Blr & Coal Hand. Mlf.	Stablize Boiler Condition
9/25/2007	14:00:00	*	78.7	Blr Control-Blr & Coal Hand. Mlf.	Stablize Boiler Condition
9/25/2007	14:06:00	*	87.7	Blr Control-Blr & Coal Hand. Mlf.	Stablize Boiler Condition
9/25/2007	14:12:00	18	43	Blr Control-Blr & Coal Hand. Mlf.	Stablize Boiler Condition
9/25/2007	17:30:00	*	46.6	Load Change	Reduced Fan Speed
9/25/2007	17:36:00	6	58	Load Change	Reduced Fan Speed
9/25/2007	19:54:00		38	Load Change	Reduced Fan Speed
9/25/2007	20:12:00		32.2	Load Change	Reduced Fan Speed
Third Quarter 2007: Unit 8					
7/3/2007	19:48:00		32.2	Sootblowing-Boiler Tubes	Stopped Sootblowing
7/5/2007	15:12:00		31.7	Precip. Plates/Wires- Precip. & Ash Hand. Sys. Malf.	Reduced Fan Speed
7/6/2007	5:48:00		32	Boiler Startup	Adjust Dampers
7/9/2007	15:00:00	*	49.8	Precip. Plates/Wires- Precip. & Ash Hand. Sys. Malf.	Placed Boiler on Manual
7/9/2007	15:06:00	*	84.3	Precip. Plates/Wires- Precip. & Ash Hand. Sys. Malf.	Placed Boiler on Manual
7/9/2007	15:12:00	*	82.9	Precip. Plates/Wires- Precip. & Ash Hand. Sys. Malf.	Placed Boiler on Manual

Date of Opacity event	Time	Event Duration	Range of Violation/ Magnitude	Reason	Remedy
7/9/2007	15:18:00	18	63.2	Precip. Plates/Wires- Precip. & Ash Hand. Sys. Malf.	Placed Boiler on Manual
7/16/2007	17:48:00		33.1	Precip. Plates/Wires- Precip. & Ash Hand. Sys. Malf.	Reset Precipitator Controls
7/30/2007	17:42:00		37	Precip. Plates/Wires- Precip. & Ash Hand. Sys. Malf.	Stablize Boiler Condition
7/31/2007	13:24:00		31.5	Precip. Plates/Wires- Precip. & Ash Hand. Sys. Malf.	Placed Boiler on Manual
7/31/2007	16:42:00		32.5	Precip. Plates/Wires- Precip. & Ash Hand. Sys. Malf.	Placed Boiler on Manual
8/2/2007	6:30:00		31.9	Precip. Plates/Wires- Precip. & Ash Hand. Sys. Malf.	
	Stopped Sootblowing				
8/20/2007	16:36:00		33.1	Sootblowing-Boiler Tubes	Stopped Sootblowing
8/21/2007	4:30:00		60.3	Blr Control-Blr & Coal Hand. Mlf.	Placed Boiler on Manual
9/4/2007	20:06:00		41.9	Precip. Plates/Wires- Precip. & Ash Hand. Sys. Malf.	Stopped Sootblowing
9/21/2007	16:24:00		42.8	Precip. Plates/Wires- Precip. & Ash Hand. Sys. Malf.	Placed Boiler on Manual

Date of Opacity event	Time	Event Duration	Range of Violation/ Magnitude	Reason	Remedy
Fourth Quarter 2007: Unit 6					
12/21/2007	11:06:00		38.2	Boiler Shutdown	Reduced Fan Speed
Fourth Quarter 2007: Unit 7					
11/26/2007	20:18:00		48.8	Boiler Startup	Placed Boiler on Manual
11/26/2007	20:24:00		45.9	Boiler Startup	Placed Boiler on Manual
11/27/2007	4:48:00 *		79.9	Boiler Startup	Adjust Air Flow
11/27/2007	4:54:00 *		53.8	Boiler Startup	Adjust Air Flow
11/27/2007	5:00:00	12	55.5	Boiler Startup	Adjust Air Flow
12/11/2007	5:24:00		34.2	Blr Control-Blr & Coal Hand. Mlf.	Reduced Fan Speed
12/23/2007	8:18:00		30.7	Load Change	Stopped Load Pickup
12/23/2007	19:06:00		33	Load Change	Reduced Fan Speed
12/28/2007	7:06:00		35.2	Precip. Plates/Wires- Precip. & Ash Hand. Sys. Malf.	Stopped Sootblowing
12/28/2007	7:18:00		35.8	Precip. Plates/Wires- Precip. & Ash Hand. Sys. Malf.	Placed Boiler on Manual
12/30/2007	7:42:00		34.1	Load Change	Placed Boiler on Manual
Fourth Quarter 2007: Unit 8					
10/21/2007	10:24:00		60.9	Boiler Off	Reduced Fan Speed
11/27/2007	7:12:00		33.7	Load Change	Stopped Load Pickup
12/4/2007	18:54:00		42.1	Precip. Plates/Wires- Precip. & Ash Hand. Sys. Malf.	Placed Boiler on Manual

Date of Opacity event	Time	Event Duration	Range of Violation/ Magnitude	Reason	Remedy
12/14/2007	18:12:00		42.7	Precip. Plates/Wires- Precip. & Ash Hand. Sys. Malf.	Placed Boiler on Manual
12/15/2007	23:00:00		31.2	Precip. Plates/Wires- Precip. & Ash Hand. Sys. Malf.	Stopped Load Pickup
12/18/2007	11:24:00		33.2	Load Change	Stopped Sootblowing
12/18/2007	22:24:00		46.9	Load Change	Stopped Sootblowing
First Quarter 2008: Unit 7					
1/19/2008	8:12:00		31	Load Change	Reduced Fan Speed
1/19/2008	8:36:00		31.1	Load Change	Reduced Fan Speed
1/24/2008	6:24:00		33	Precip. Plates/Wires- Precip. & Ash Hand. Sys. Malf.	Placed Boiler on Manual
1/24/2008	6:36:00		31.6	Precip. Plates/Wires- Precip. & Ash Hand. Sys. Malf.	Placed Boiler on Manual
2/1/2008	13:48:00		39.6	Boiler Startup	Placed Boiler on Manual
2/1/2008	14:12:00		34.3	Boiler Startup	Stopped Sootblowing
2/1/2008	14:36:00		53.4	Boiler Startup	Stopped Sootblowing
2/1/2008	14:54:00		44.8	Boiler Startup	Placed Boiler on Manual
2/1/2008	15:00:00		67.9	Boiler Startup	Placed Boiler on Manual

Date of Opacity event	Time	Event Duration	Range of Violation/ Magnitude	Reason	Remedy
2/1/2008	20:00:00	*	33.2	Precip. Plates/Wires- Precip. & Ash Hand. Sys. Malf.	Stopped Sootblowing
2/1/2008	20:06:00	6	39.6	Precip. Plates/Wires- Precip. & Ash Hand. Sys. Malf.	Stopped Sootblowing
2/2/2008	22:06:00		37.9	Boiler Shutdown	Boiler Trip
2/2/2008	22:12		49	Boiler Shutdown	Boiler Trip
2/3/2008	1:24:00		32.2	Boiler Startup	Reduced Fan Speed
3/2/2008	7:36:00		32.92	Load Change	Stopped Sootblowing
3/2/2008	4:42:00		40.42	Load Change	Stopped Sootblowing
3/4/2008	17:42:00		50.37	Boiler Startup	Reduced Fan Speed
First Quarter 2008: Unit 8					
2/4/2008	9:36:00		43.8	Blr Control-Blr & Coal Hand. Mlf.	Placed Boiler on Manual
3/4/2008	0:18:00		45.31	Boiler Shutdown	Reduced Fan Speed
3/18/2008	14:48:00		31.13	Precip. Plates/Wires- Precip. & Ash Hand. Sys. Malf.	Stopped Load Pick up
3/20/2008	16:30:00		31.54	Sootblowing- Boiler Tubes	Stopped Sootblowing
3/20/2008	18:24:00		33.47	Sootblowing- Boiler Tubes	Stopped Sootblowing
3/22/2008	3:54:00		40.19	Load Change	Reduced Fan Speed
3/31/2008	10:24:00	*	33.63	Precip. Plates/Wires- Precip. & Ash Hand. Sys. Malf.	Placed Boiler on Manual

Date of Opacity event	Time	Event Duration	Range of Violation/ Magnitude	Reason	Remedy
3/31/2008	10:30:00	6	32.29	Precip. Plates/Wires- Precip. & Ash Hand. Sys. Malf.	Placed Boiler on Manual
Second Quarter 2008: Unit 7					
4/28/2008	10:12:00	*	67.74	Boiler Startup	Reduced Fan Speed
4/28/2008	10:18:00	6	57.2	Boiler Startup	Reduced Fan Speed
4/28/2008	10:48:00		34.17	Boiler Startup	Reduced Fan Speed
4/29/2008	10:12:00		49.88	Fan Problems-Blr. & Coal Hand. Mlf.	Reduced Fan Speed
4/29/2008	10:36:00	*	53.25	Fan Problems-Blr. & Coal Hand. Mlf.	Reduced Fan Speed
4/29/2008	10:42:00	6	32.41	Fan Problems-Blr. & Coal Hand. Mlf.	Reduced Fan Speed
5/1/2008	13:06:00		59.99	Boiler Startup	Reduced Fan Speed
5/3/2008	18:12:00		32.97	Boiler Startup	Placed Boiler on Manual Control
5/3/2008	23:00:00		45.42	Boiler Startup	Reduced Fan Speed
5/3/2008	23:42:00		30.92	Boiler Startup	Reduced Fan Speed
5/5/2008	0:30:00		31.93	Load Change	Stopped Sootblowing
5/5/2008	0:42:00	*	35.52	Load Change	Stopped Sootblowing
5/5/2008	0:48:00	6	32.99	Load Change	Stopped Sootblowing
5/8/2008	4:24:00		34.22	Boiler Startup	Stopped Sootblowing
6/26/2008	12:54:00		48.42	Load Change	Stopped Sootblowing
Second Quarter 2008: Unit 8					
4/3/2008	5:30:00		35.47	Sootblowing-Boiler Tubes	Stopped Sootblowing

Date of Opacity event	Time	Event Duration	Range of Violation/ Magnitude	Reason	Remedy
4/6/2008	16:36:00	*	40.83	Blr Control-Blr & Coal Hand. Mlf.	Placed Boiler on Manual
4/6/2008	16:42:00	*	36.24	Blr Control-Blr & Coal Hand. Mlf.	Placed Boiler on Manual
4/6/2008	16:48:00	12	33.49	Blr Control-Blr & Coal Hand. Mlf.	Placed Boiler on Manual
4/12/2008	16:06:00		49.98	Rappers-Precip. & Ash Hand. Sys. Malf	Malfunition of Rappers
4/15/2008	6:00:00		34.93	Rappers-Precip. & Ash Hand. Sys. Malf	Placed Boiler on Manual
4/24/2008	13:24:00		41.81	Sootblowing-Boiler Tubes	Stopped Sootblowing
4/25/2008	6:24:00	*	30.96	Precip. Plates/Wires-Precip. & Ash Hand. Sys. Malf.	Stopped Load Pick up
5/2/2008	6:36:00	6	35.8	Blr Control-Blr & Coal Hand. Mlf.	Placed Boiler on Manual
5/20/2008	15:24:00		37.03	Blr Control-Blr & Coal Hand. Mlf.	Placed Boiler on Manual
6/7/2008	19:24:00		32.68	Precip. Plates/Wires-Precip. & Ash Hand. Sys. Malf.	Reduced Load
6/10/2008	15:42:00		34.44	Sootblowing-Boiler Tubes	Stopped Sootblowing
6/17/2008	8:00:00		32	Blr Control-Blr & Coal Hand. Mlf.	Reduced Load
6/17/2008	8:24:00		36.31	Blr Control-Blr & Coal Hand. Mlf.	Reduced Load
6/18/2008	10:06:00	*	31.2	Sootblowing-Boiler Tubes	Stopped Sootblowing
6/18/2008	10:12:00	6	31.27	Sootblowing-Boiler Tubes	Stopped Sootblowing

Date of Opacity event	Time	Event Duration	Range of Violation/ Magnitude	Reason	Remedy
6/20/2008	17:06:00		31.98	Precip. Plates/Wires- Precip. & Ash Hand. Sys. Malf.	Stopped Sootblowing
6/25/2008	1:36:00		31.98	Precip. Plates/Wires- Precip. & Ash Hand. Sys. Malf.	Reset Precipitator Controls
6/26/2008	10:48:00	*	30.94	Blr Control-Blr & Coal Hand. Mlf.	Stopped Sootblowing
6/26/2008	10:54:00	6	51.33	Blr Control-Blr & Coal Hand. Mlf.	Stopped Sootblowing
Third Quarter 2008: Unit 7					
9/4/2008	9:48:00	*	60.22	Control Problems- Precip. & Ash Hand. Sys. Malf.	Returned Eq. to Normal Operations
9/4/2008	9:54:00	*	99.61	Control Problems- Precip. & Ash Hand. Sys. Malf.	Returned Eq. to Normal Operations
9/4/2008	10:00:00	12	61.94	Control Problems- Precip. & Ash Hand. Sys. Malf.	Returned Eq. to Normal Operations
Third Quarter 2008: Unit 8					
7/30/2008	6:54:00		32.93	Precip. Plates/Wires- Precip. & Ash Hand. Sys. Malf.	Stopped Sootblowing
7/31/2008	19:54:00		23.56	Sootblowing-Boiler Tubes	Stopped Sootblowing
8/9/2008	14:30:00		30.68		